

Converting Colors

Hex(564BEA)

Have a look what the booklet for
Hex(564BEA) contains.

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Color

Hex(564BEA)

Conversions

Conversions Part 1

Format	Color
Hex	564BEA
RGB	86, 75, 234
RGB Percent	34%, 29%, 92%
CMY	0.6627, 0.7059, 0.0824
CMYK	0.63, 0.68, 0.00, 0.08
HSL	244°, 79%, 61%
HSV	244°, 68%, 92%
XYZ	21.2051, 12.9511, 79.2241
YIQ	96.4150, -44.4830, 51.7810

Conversions

Conversions Part 2

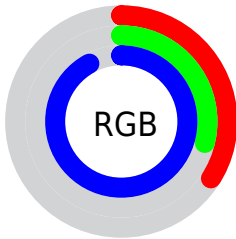
Format	Color
R_{YB}	86, 75, 234
Decimal	5655530
CIE _{Lab}	42.69, 50.28, -78.70
CIE _{LCh}	43, 93.388, 302.575
Yxy	12.9511, 0.1870, 0.1142
Android (android.graphics.Color)	4283845610 (0xFF564BEA)
YUV	96.4150, 67.8294, -9.1340
Hunter-Lab	35.9876, 42.1998, -105.3311

Details

The Hex color **564BEA** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **DFEA4B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **977DFF**, and **001CB1** is the 20% darker color. If you saturate the color by 10%, you get **4034EA**, and if you desaturate by 10%, it is **6C62EA**.

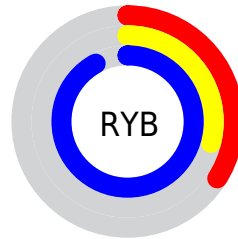
Distribution



Red (34%)

Green (29%)

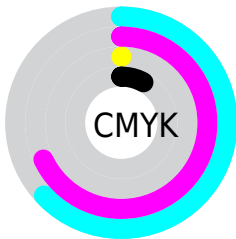
Blue (92%)



Red (34%)

Yellow (29%)

Blue (92%)

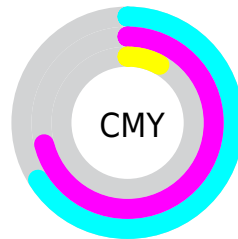


Cyan (63%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (66%)

Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564BEA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 564BEA by changing the saturation by 10% instead.

■ 564BEA

■ 564BEA

FFFFFF

■ 2F33CD

■ 977DFF

■ 001CB1

■ B598FF

■ 000595

■ D4B3FF

■ 00007B

■ F3CFFF

■ 000161

■ FFE8FF

■ 000848

■ 000430

■ 00011A

■ 000000

■ 564BEA

■ 564BEA

■ 4034EA

■ 6C62EA

■ 2A1CEA

■ 827AEA

■ 1505EA

■ 9791EA

■ 1000EA

■ ADA9EA

■ C3C0EA

■ D9D7EA

■ EEEFEA

■ FFFFEA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006FFF



564BEA



C100AE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



564BEA



B14000



00816A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



564BEA



DFEA4B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007E0D



564BEA



766500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



564BEA



D90016



127600



0082B7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



564BEA



DC007C



127600



00804E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



564BEA



D0CCFF



4BDFEA



636180



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



564BEA



3C2EFF



A54BEA



6A6A75



0D00B5



040036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EA4BDF



FF2EF1



90EA4B



756A74



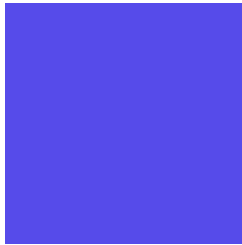
B500A9



360032

Previews

White Background



This preview shows how the Hex color 564BEA looks on a white background.

Color Contrast Check

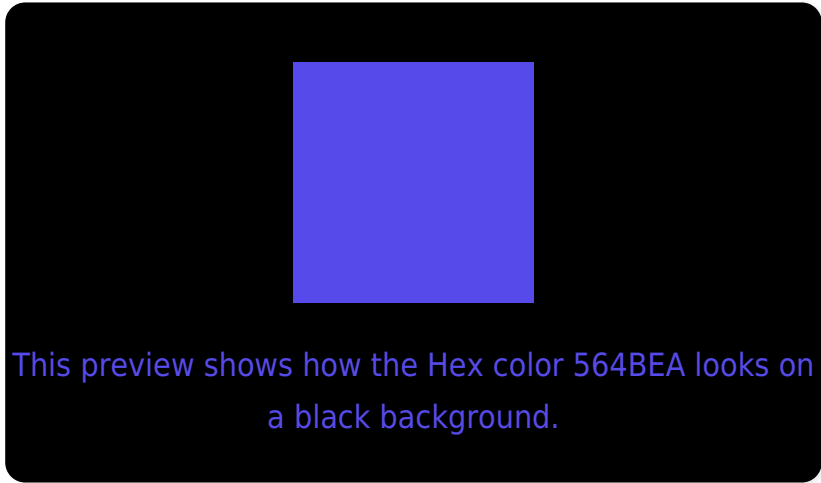
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

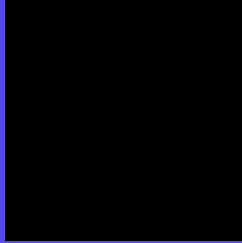
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 564BEA Background



This preview shows how black text looks on a background with the Hex color 564BEA.

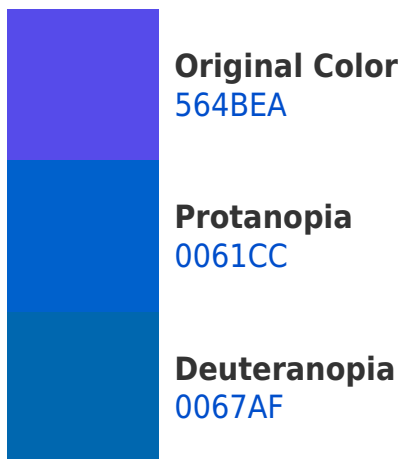


This preview shows how white text looks on a background with the Hex color 564BEA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

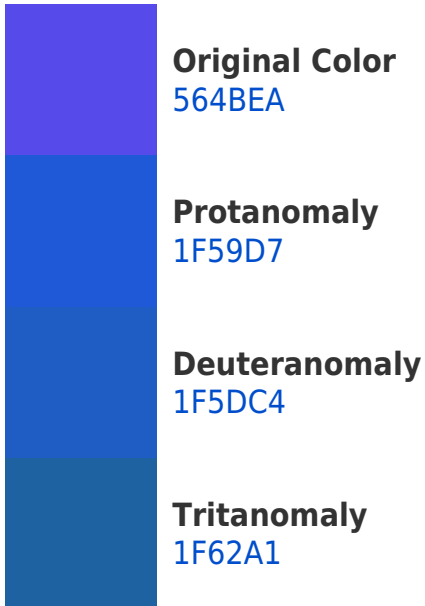
Dichromacy





Tritanopia
006F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 564BEA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #564BEA looks like.

```
.text, #text, p{  
    color:#564BEA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #564BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564BEA
}
```

Border

The CSS property to change the border of an element to Hex 564BEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564BEA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#564BEA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #564BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564BEA; -webkit-box-shadow:4px 4px  
4px 4px #564BEA; box-shadow:4px 4px 4px  
4px #564BEA }
```

Background

The CSS property to change the background color of an element to Hex 564BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564BEA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#564BEA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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